

FIG. 1

UPPER APPARATUS

BASEBAND SECTION

11-1: ENCODER

5 12-1: FRAME ASSEMBLING SECTION

13-1: PRIMARY SPREADER

11-2: ENCODER

12-2: FRAME ASSEMBLING SECTION

13-2: PRIMARY SPREADER

10 11-3: ENCODER

12-3: FRAME ASSEMBLING SECTION

13-3: PRIMARY SPREADER

11-N: ENCODER

12-N: FRAME ASSEMBLING SECTION

15 13-N: PRIMARY SPREADER

15: SECONDARY SPREADER

21: CONTROL SECTION

16: ROLL-OFF FILTER

17: MODULATOR

20 18: RF ANALOG SECTION

19: POWER AMPLIFIER

OUTPUT

FIG. 2

25 POWER

FREQUENCY

FIG. 3

POWER

TIME

5 CANNOT SUPPRESS

FIG. 4

UPPER APPARATUS

20-1: BASEBAND SECTION

21-1: CONTROL SECTION

10 21-2: CONTROL SECTION

16-1: ROLL-OFF FILTER

17-1: MODULATOR

18-1: RF ANALOG SECTION

31-1: FILTER

15 16-2: ROLL-OFF FILTER

17-2: MODULATOR

18-2: RF ANALOG SECTION

31-2: FILTER

32: COMBINER

20 33: POWER AMPLIFIER

OUTPUT

FIG. 5

UPPER APPARATUS

25 103-1: BASEBAND SECTION

105-1: ROLL-OFF FILTER

106-1: MODULATOR

107-1: RF ANALOG SECTION

102-1: CONTROL SECTION

101: SYNCHRONIZATION CONTROL SECTION

5 102-2: CONTROL SECTION

103-2: BASEBAND SECTION

105-2: ROLL-OFF FILTER

106-2: MODULATOR

107-2: RF ANALOG SECTION

10 102-1: CONTROL SECTION

108: COMBINER

109: POWER AMPLIFIER

OUTPUT

15 FIG. 6

POWER

TIME

FIG. 7

20 POWER

FREQUENCY

FIG. 8

POWER

25 TIME

FIG. 9

POWER

TIME